Department of Teacher Education

MASTER OF EDUCATION – INSTRUCTIONAL SPECIALIST

MATHEMATICS EDUCATION

With Master Mathematics Teacher (MMT) Certification Preparation

LAST NAME _____ **FIRST NAME** _____ **STUDENT ID** _____

ADDRESS and ZIP CODE _____ **E-MAIL** _____ **(H) TELEPHONE** _____

UNDERGRADUATE DEGREE _____ **(W) (C) TELEPHONE** _____

[ ] ATCP CERTIFICATION AREA _____ **[ ] CONDITIONAL**

DATE TED ADMISSION: _____ **SEMESTER 1ST COURSE TOWARDS DEGREE:** _____

DATE INITIAL ADVISING: _____ **GRADUATE COORDINATOR:** LUZ M. ROLON

PROFESSIONAL DEVELOPMENT CORE (12 hrs)	**SEMESTER/YR**	**GRADE**	**SUBSTITUTION/ COMMENT(S)**
TED5300 Action Research for Teachers **(Prereq 5304)**			
TED5301 Learning Contexts & Curriculum			
TED5304 Scholarly Writing for Educators			
TED5313 Diversity in Educational Setting			

MATHEMATICS EDUCATION CONCENTRATION (12 hours)

Select 6 hours from the menu below

*MTED5320 Research-based Practices in Math Classroom			
*MATH5360 Intro to Research in Math Education			
MATH5365 Technology in Math Classroom			

Pick desired grade level (select 6 hours)

EC-04*	MATH5370 Number Concepts, Probability & Statistics			
	MTED5322 PCK – Development of Quantitative Reasoning			
	MATH5370 Patterns and Algebra			
	MTED5322 PCK – Fostering Algebraic Thinking			
4-8*	MATH5370 Algebra and Geometry			
	MTED5322 PCK – Development of Quantitative R.			
	MATH5370 Number Concepts, Probability & Statistics			
	MTED5322 PCK – Fostering Algebraic Thinking			
8-12*	MATH5370 Number Theory and Algebra			
	MATH5370 Calculus and Geometry			
	MATH5370 Calculus and Analysis			
	MATH5370 Logic and Proof			

RESOURCE AREA (select 6 hours from the menu below)

*MTED5318 Current Topics in Math Ed: Learning Theory			
MTED5326 Cultural Hist., Epistem. and Pedagogy of Math			
*MTED5300 Mentoring and Leadership in Mathematics			

ELECTIVES (6 hours - approval required)

*MTED5324 Authentic Assessment in Math Classroom **(Recommended Elective)**			Could be substituted by TED5303
COURSE NUMBER _____ **NAME** _____			

Student Signature _____ **Date** _____ **Faculty Specialization Advisor** _____ **Date** _____

TED Graduate Advisor _____ **Date** _____ **Faculty Advisor** _____ **Date** _____

Department Chair _____ **Date** _____ **Graduate School** _____ **Date** _____